

**Patent Claims:**

1. Ball game racket, especially tennis racket comprising a racket head formed by a tension frame (2) with stringing (3) and by a handle element (7) joining the tension frame (2), for example by means of a core (5), and formed by a handle shaft or a racket neck (6) and a handle, as well by attenuating means (17) on at least one area of the racket frame, **characterised in** that said attenuating means (17) include an attenuation fluid the viscosity of which is controllable by an electric and/or a magnetic field, and that an electric control means (20) for altering the viscosity of the attenuation liquid is provided.
2. Tennis racket according to claim 1, wherein said attenuating means (17) are effective between the stringing (3) and the tension frame (2).
3. Tennis racket according to claim 1 or 2, wherein said attenuating means are effective between the racket head and the handle (7).
4. Ball game racket according to anyone of the preceeding claims, wherein said attenuating means form at least two chambers (18'') for receiving the attenuation fluid, which chambers are connected with each other at least by a connector (18') operating as a throttle, and said connector is provided with at least one electrode (19) triggered by said control means (20) and/or is provided by a magnetic coil triggered by said control means.
5. Ball game racket according to anyone of the preceeding claims, wherein the tension frame (2) comprises a frame profile (2') and a support profile (8) used for fastening the stringing (3), and at least one attenuation element (17) is provided between the frame profile (2') and the support profile (8).